

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Warren Keith Edwards
Application No. : 09/838,933
Filed : 20 April 2001
Patent No. : **7,296,042 B2**
Issued : **13 November 2007**
Docket : PARC-DA1083
Title : SYSTEM AND METHOD FOR ENABLING COMMUNICATION
AMONG ARBITRARY COMPONENTS
Group/Art Unit : 2135
Examiner : Thomas A. Gyorfi

PETITION TO CORRECT ASSIGNEE

Filed Electronically

Sir:

Applicant hereby petitions for the correction of the Assignee name and residence data as submitted with the issue fee transmittal for U.S. Patent No. 7,296,042 B2. The correct name and residence data are as follows (and match the information recorded at reel/frame 011745/0616 on 20 April 2001):

Xerox Corporation
Stamford, CT

Attached is a Certificate of Correction listing the correct Assignee, together with copies of the Notice of Recordation of Assignment Document and the first page of the issued patent. Please deduct payment in the amount of \$230 for this petition and the Certificate of Correction from Deposit Account 24-0037 in the name of Xerox Corporation.

Respectfully submitted,

By /Gilbert Wong/
Gilbert Wong
Registration No. 57,990

Gilbert Wong
Park, Vaughan & Fleming LLP
2820 Fifth Street
Davis, CA 95618-7759
Tel: (530) 204-4040
Fax: (530) 759-1665
Email: gilbert@parklegal.com
Date: 29 November 2007



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 16, 2001

PTAS

NIXON PEABODY LLP
GUNNAR G. LEINBERG, ESQ.
CLINTON SQUARE
P.O. BOX 31051
ROCHESTER, NEW YORK 14603



101701839A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/20/2001

REEL/FRAME: 011745/0616
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

EDWARDS, WARREN K.

DOC DATE: 04/20/2001

ASSIGNOR:

NEWMAN, MARK W.

DOC DATE: 04/20/2001

ASSIGNOR:

SEDIVY, JANA Z.

DOC DATE: 04/20/2001

ASSIGNEE:

XEROX CORPORATION
800 LONG RIDGE ROAD
P.O. BOX 1600
STAMFORD, CONNECTICUT 06904-1600

SERIAL NUMBER: 09838933

PATENT NUMBER:

FILING DATE: 04/20/2001

ISSUE DATE:

ENTERED
Nixon Peabody LLP

D/A 1083 JUL 23 2001
FILE 1508/3280
DKT JB

011745/0616 PAGE 2

MARGARET LASALLE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



US007296042B2

(12) United States Patent

Edwards et al.

(10) Patent No.: US 7,296,042 B2
(45) Date of Patent: *Nov. 13, 2007

(54) SYSTEM AND METHOD FOR ENABLING COMMUNICATION AMONG ARBITRARY COMPONENTS

(75) Inventors: Warren Keith Edwards, San Francisco, CA (US); Mark Webber Newman, San Francisco, CA (US); Jana Zdislava Sedivy, Stanford, CA (US)

(73) Assignee: Palo Alto Research Center Incorporated, Palo Alto, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 491 days.

This patent is subject to a terminal disclaimer.

6,696,973 B1 * 2/2004 Ritter et al. 709/250
6,910,068 B2 * 6/2005 Zintel et al. 709/220
7,130,895 B2 * 10/2006 Zintel et al. 709/220
2002/0029256 A1 * 3/2002 Zintel et al. 709/218
2002/0124055 A1 * 9/2002 Reisman 709/218

FOREIGN PATENT DOCUMENTS

WO WO 99/44124 9/1999

OTHER PUBLICATIONS

Jim Waldo, "the JINI Architecture for Network-Centric Computing", Jul. 1999, Communications of the ACM.*

(Continued)

Primary Examiner—Kim Vu
Assistant Examiner—Tom Gyori
(74) Attorney, Agent, or Firm—Park, Vaughan & Fleming LLP

(21) Appl. No.: 09/838,933

(22) Filed: Apr. 20, 2001

(65) Prior Publication Data

US 2002/0156795 A1 Oct. 24, 2002

- (51) Int. Cl. G06F 17/30 (2006.01)
(52) U.S. Cl. 707/205; 709/227; 707/9
(58) Field of Classification Search 707/102, 707/110, 104.1, 205, 225, 9; 715/505; 709/217, 709/201, 227, 220; 719/328, 315

See application file for complete search history.

(56) References Cited

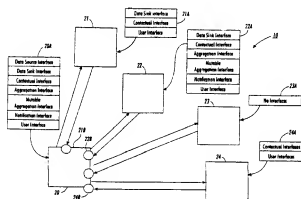
U.S. PATENT DOCUMENTS

- 5,694,546 A * 12/1997 Reisman 707/10
6,003,065 A * 12/1999 Yan et al. 709/201
6,125,388 A * 9/2000 Reisman 707/104.1
6,430,395 B2 * 8/2002 Arazi et al. 370/347
6,557,054 B2 * 4/2003 Reisman 709/219
6,628,413 B1 * 9/2003 Lee 358/1.15
6,658,464 B2 * 12/2003 Reisman 719/315

(57) ABSTRACT

Methods and systems for enabling arbitrary components to communicate with each other. The communication system includes a first set of components associated with one or more universal interfaces that include mobile code. The one or more universal interfaces comprise a data source interface, a data sink interface, an aggregation interface, a mutable aggregation interface, a context interface, a notification interface or a user interface. Further, the universal interfaces associated with the first set of components can be provided to and implemented by a second set of components to enable the second set of components to communicate with the first set of components despite the first set and the second set of component utilizing different communication mediums or protocols.

33 Claims, 6 Drawing Sheets



UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,296,042 B2

APPLICATION NO.: 09/838,933

ISSUE DATE : 13 November 2007

INVENTOR(S) : Warren Keith Edwards

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On The Title Page, Item (73), Assignee

Please delete "Palo Alto Research Center Incorporated, Palo Alto, CA (US)" and insert

--Xerox Corporation, Stamford, CT (US)--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Gilbert Wong, Reg. No. 57,990
Park, Vaughan & Fleming LLP
2820 Fifth Street
Davis, CA 95618

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**